P28672,P25, · · · Sheet 1 of 5

FORM PTO-1449

Department of Commerce Patent and Trademark Office Atty. Docket No. Application No. 10/553,222

Applicant Chikara MURAKATA et al

Filing Date

Group

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)

October 17, 2005 U.S. PATENT DOCUMENTS EXAMINER FILING DATE DOCUMENT NUMBER DATE NAME CLASS SUBCLASS IF APPROPRIATE INITIAL BROWN et al. 9 2 7 2 2 05/22/90 3 3 8 4 9 07/06/82 TAO et al. 4 2006 0 ۵ 7 4 1 1 3 04/06/06 MURAKATA et al. FOREIGN PATENT DOCUMENTS TRANSLATION COUNTRY DOCUMENT NUMBER DATE CLASS SUBCLASS YES NO 62 5 3 7 6 03/09/87 JAPAN 9 04/08/87 FPO 0 9 2 1 7 5 1 06/26/03 W.I.P.O 0.3 5 1 5 4 3 09/08/04 E.P.O 1 5 4 9 0 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) 1 Schenone, S., et al. "3-Arylsulphonyl-5-arylamino-1,3,4-thiadiazol-2(3H)ones as Anti-inflammatory and Analgesic Agents", Bioorganic and Medicinal Chemistry, 9, 2001, pp. 2149-2153. 2 Bhalla, M., et al. "Benzopyran-2-one derivatives; anti-inflammatory, analgesic and antiproteolytic agents" European Journal of Medicinal Chemistry, 29, 1994, pp. 713-717. Blangy, A., et al., "Phosphorylation by p34^{odc2} Regulates Spindle Association of Human Eq5. a 3 Kinesin-Related Motor Essential for Bipolar Spindle Formation In Vivo", Cell. vol. 83, 1995, pp. 1159-1169. Kapoor, T. M., et al., "Probing Spindle Assembly Mechanism with Monastrol, a Small Molecule 4 Inhibitor of the Mitotic Kinesin, Eq5", The Journal of Cell Biology, vol. 150, 2000, pp. 975-988. Kapoor, T. M., et al., "Allele-specific activators and inhibitors for kinesin" Proc. Natl. Acad. Sci. USA. 5 vol. 96, 1999, pp. 9106-9111. 6 Lockhart, A. et al., "Kinetics and Motility of the Eq5 Microtubule Motor", Biochemistry, vol. 35, 1999. pp.2365-2373. Turner, J., et al., "Crystal Structure of the Mitotic Spindle Kinesin Eg5 Reveals a Novel Conformation of the Neck-linker". The Journal of Biological Chemistry, vol. 276, 2001, pp. 25496-25502. 8 Maliga, Z. et al., "Evidence that Monastrol Is an Allosteric Inhibitor of the Mitotic Kinesin Eq5", Chemistry and Biology, vol. 9, 2002, pp.989-996. 10 Mandelkow, E. et al., "Kinesin motors and disease", Trends in Cell Biology, vol. 12, 2002, pp. 585-591 Mayer, T. U., et al., "Small Molecule Inhibitor of Mitotic Spindle Bipplarity Identified in a Phenotype-11 Based Screen", Science, vol. 286, 1999, pp. 971-974. Hoque, T., et al., "Synthesis of Some 5-spiro-4-acetyl-2-(Acetylamino)-Δ²-1.3.4-Thiadiazoline from 12 Ketone Thiosemicarbazones", Journal of the Bangladesh Chemical Society, vol. 5 (2), 1992, pp. 127-132 DATE CONSIDERED

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